| HOV 1 2 20 | Ø7 Planes tune e alue  | sign (+) inside this box —                    |  | U.S. Patent<br>spond to a collection                                 | and Tradema  | PTO/SB/21 (08-00) ed for use through 10/31/2002. OMB 0651-0031 ark Office: U.S. DEPARTMENT OF COMMERCE on unless it displays a valid OMB control number.  |
|------------|--|---|--|--|--|---|
|            |  |   |  | Application Nu   | ımber  |   |
| :          | TRA  | NSMITT  | AL   | Filing Date  |  |   |
|            |  | <b>FORM</b>                                   |  | First Named In   | ventor   |   |
| •          | (to be used for all  | correspondence afte                           | r initial filing)  | Group Art Unit   |  |   |
|            |  |   |  | Examiner Nam   | e  |   |
|            | Total Number of  | Pages in This Submi                           | ssion  | Attorney Docke   | t Number   |   |
|            |  |   | ENCL   | OSURES   | (check a   | all that apply)   |
|            | Fee Transmittal Form Fee Attached Amendment / Reply After Final Affidavits/dec Extension of Time R Express Abandonm Information Disclos Certified Copy of Pr | claration(s) equest ent Request ure Statement | Drawing Licensir Petition Petition Provisic X Power of Change Address Termina Reques | to Convert to a onal Application of Attorney, Revoce of Corresponden | ce   | After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter  Other Enclosure(s) (please identify below): *see remarks |
|            | Document(s)  Response to Missir Incomplete Applicat  Response to   | g Parts/                                      | Steinbeck; Copy<br>Return Receipt F  | ked in Red Ink; Cop of Assignment as F                               | by - Declarati<br>Filed - Execu-<br>nissioner is a | Receipt; Copy - Issued Filing Receipt with ion Executed by Sole Applicant, Marla ted by Marla Steinbeck; Certificate of Mailing; authorized to charge fee deficiencies to the 50.   |
| L          |  | SIGNATU                                       | JRE OF APPL  | ICANT, ATTOR   | NEY, OR  | AGENT   |
|            | Firm or Individual name  | David S. Resnick                              | k (Reg. No. 3<br>DY LLP, 101   | 4,235)<br>Federal Stree  | t, Boston  | , MA 02110  |
| <u> </u>   | Signature  |   |  |  |  |   |
|            | Date //  |   | <b>7</b> _   |  |  |   |

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

Typed or printed name

Nicole M. Gignac

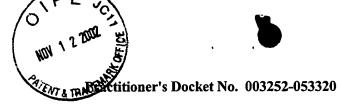
Signature

Date

1/ 6 /2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Steinbeck, M.

Application No.: 10/073,402 Group No.: 1645 Filed: Feb. 11, 2002 Examiner:

For: DIAGNOSTIC FOR INFLAMMATORY DISEASES ASSOCIATED WITH CARTILAGE AND

**BONE SURFACES** 

#### CERTIFICATE OF MAILING (37 C.F.R. SECTION 1.8(a))

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the united States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

11/6/2002

type or print name of person mailing,

signature of person mailing paper)

Assistant Commissioner for Patents Washington, D.C. 20231

# POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST (REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above identified

[X] application,

[ ] patent,

#### REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

#### **NEW POWER OF ATTORNEY**

the following attorney(s) and/or agent(s) are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

David S. Resnick, Attorney and Patent Agent, Registration No. 34,235
Leena H. Karttunen, under 37 C.F.R. 10.9(b)
Ronald I. Eisenstein, Attorney and Patent Agent, Registration No. 30,628
Lana A. Shvartsman, Attorney and Patent Agent, Registration No. 48,502
Nicole L.M. Valtz, Patent Agent, Registration No. 47,150



In re application of: Steinbeck, M. Application No.: 10/073,402 Filed: Feb. 11, 2002

Group No.: 1645

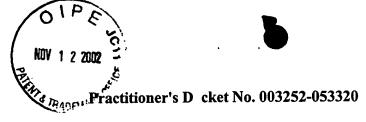
Examiner:

For: DIAGNOSTIC FOR INFLAMMATORY DISEASES ASSOCIATED WITH CARTILAGE AND

**BONE SURFACES** 

| (check the following item, if applicable)   |  |  |
|---|--|--|
|   | ver of attorney, is the authorization of the above-named instructions from my representative(s).   |  |
| SEND CORRESPONDENCE TO:   | DIRECT TELEPHONE CALLS TO:   |  |
| David S. Resnick<br>NIXON PEABODY LLP<br>101 Federal Street<br>Boston, MA 02110     | David S. Resnick (617) 345-6057  |  |
| Customer No.: 26248   |  |  |
|   | ASSIGNEE   |  |
| Thomas Jefferson University (type or print identity of assignee of entire interest) | _  |  |
| 1020 Walnut Street, Philadelphia, PA 19107 Address                                  |  |  |
| [ ] Recorded in PTO on Reel Frame   |  |  |
| ASSIGN  | NEE STATEMENT  |  |
| Attached to this power is a "STATEMENT UNI  | DER 37 C.F.R. section 3.737(b)."  Signature  |  |
| Date  | Jussi Saukkonen, M.D.  (type or print name of person authorized to sign on behalf of assignee)   |  |
|   | Dean, College of Graduate Studies and Vice President for Science Policy, Technology Development and Internal Affairs Thomas Jefferson University Title |  |
| (check the following item, if   | it forms a part of this power of attorney)   |  |
| [ ] Added page—Authorization of   | attorney(s) to accept and follow instructions from   |  |

representative.



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Steinbeck, M.

Application No.: 10/073,402

Group No.: 1645

Filed: Feb. 11, 2002

Examiner:

For: DIAGNOSTIC FOR INFLAMMATORY DISEASES ASSOCIATED WITH CARTILAGE AND

**BONE SURFACES** 

## CERTIFICATE OF MAILING (37 C.F.R. SECTION 1.8(a))

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the united States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

**Assistant Commissioner for Patents** Washington, D.C. 20231

Title of person authorized to sign

## STATEMENT UNDER 37 C.F.R. SECTION 3.73(b) ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION

1. The assignee(s) of the entire right, title and interest hereby seek(s) to take action in the PTO in this matter.

## **IDENTIFICATION OF ASSIGNEE**

| Thomas Jefferson University   |
|---|
| Name of assignee  |
| Corporation – Non-profit organization   |
| Type of assignee, e.g., corporation, partnership, university, government agency, etc. |
|   |
|   |
| PERSON AUTHORIZED TO SIGN   |
|   |
| Jussi Saukkonen, M.D.   |
| (type name of person authorized to sign on behalf of assignee)                        |
| Dean, College of Graduate Studies and Vice President for Science Policy,              |
| Technology Development and Internal Affairs   |
| Thomas Jefferson University   |
|   |

(complete the following, if applicable)

I, the person signing below, state that I am empowered to sign this statement on behalf of the [X]

re application of: Steinbeck, M. Application No.: 10/073,402 Filed: Feb. 11, 2002 **BONE SURFACES** 

Group No.: 1645 Examiner:

For: DIAGNOSTIC FOR INFLAMMATORY DISEASES ASSOCIATED WITH CARTILAGE AND

assignee.

#### **BASIS OF ASSIGNEE'S INTEREST**

Ownership by the assignee is established as follows:

| <b>A.</b> | 1. | []   | An assignment from the inventor of the matter identified above, which was recorded in the PTO on at Reel, Frame. |
|-----------|----|------|--|
|           | 2. | [X]  | An assignment from the inventor, M. Steinbeck, was filed May 14, 2002, a copy of which is attached here.         |
|           |    |      | AND/OR   |
| В.        | [] | A ch | ain of title from the inventor(s) to the current assignee as shown below:  |
|           |    |      | 1. From: Name of inventor(s)  To: Recorded in PTO: Reel, Frame   |
|           |    |      | 2. From:  Name of inventor(s) or assignee  To:  Recorded in PTO: Reel, Frame                                     |
|           |    |      | Name of inventor(s) or assignee  To:  Recorded in PTO: Reel  (check item below, and add details, if applicable)  |
|           | [] | Add  | itional documents in the chain of title are listed in the attached Supplemental Sheet.                           |

In re application of: Steinbeck, M.

Application No.: 10/073,402 Group No.: 1645 Filed: Feb. 11, 2002 Examiner:

For: DIAGNOSTIC FOR INFLAMMATORY DISEASES ASSOCIATED WITH CARTILAGE AND

**BONE SURFACES** 

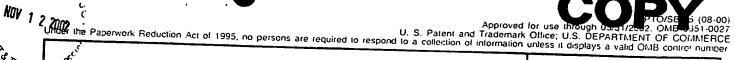
## COPIES OF DOCUMENTS IN CHAIN OF TITLE

(complete this item, if copies are being sent)

| [] | Copies of t | he assi | gnment(s) or other | document(s) in the chain of title are attached as follows:             |
|----|-------------|---------|--------------------|--|
|    | []          | Α       | [] 1               | $\begin{bmatrix} 1 & 2 \\ 1 & 2 &                        $             |
|    | []          | В       | [] 1               | [] 2 [] 3 Soulta   |
|    |             |         |                    | Signature of Authorized Person to Sign                                 |
|    |             |         |                    | Jussi Saukkonen, M.D.  |
|    |             |         |                    | (type or print name of person authorized to sign on behalf of assignee |
|    |             |         |                    | Dean, College of Graduate Studies and Vice                             |
|    |             |         |                    | President for Science Policy,  |
|    |             |         |                    | Technology Development and Internal Affairs                            |
|    |             |         |                    | Thomas Jefferson University  |
|    |             |         |                    | Title  |

O 1 P 2 7002 5

TRADEL ARY



ASSIGNMENT OF APPLICATION

Docket Number (Optional) STE01-NP001

| Whereas, I, Marla Steinbeck  | 3752 Swetland Drive Doylestown, PA 18901 of, hereafter |  |  |  |
|--|--|--|--|--|
| referred to as applicant, have invented certain new and useful improvements in, nereafter Diagnostic for Inflammatory Diseases Associated with Cartilage and Bone Surfaces |  |  |  |  |
|  | med with Carthage and Bone Surfaces                    |  |  |  |
| for which an application for a United States Patent was filed on 11 February 2002  Application Number  |  |  |  |  |
| for which an application for a United States F   | Patent was executed on, and                            |  |  |  |
|  |  |  |  |  |
| Whereas, Thomas Jefferson University of  | Philadelphia, Pennsylvania herein referred to          |  |  |  |
| "assignee" whose mailing address is 1020 Walnut S  | Street, Philadelphia, PA 19107                         |  |  |  |
| sirous of acquiring the entire right, title and interest in  | is de-   |  |  |  |
|  |  |  |  |  |
| Now, therefore, in consideration of the sum of One dollars (\$1.00), the receipt whereof is ac-  |  |  |  |  |
| knowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign   |  |  |  |  |
| and transfer unto said assignee the full and exclusive right to the said invention in the United States and the  |  |  |  |  |
| entire right, title and interest in and to any and all Patents which may be granted therefor in the United States.   |  |  |  |  |
| I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States  |  |  |  |  |
| Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof;   |  |  |  |  |
| and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may   |  |  |  |  |
| be granted, as fully and entirely as the same would have been held by me had this assignment and sale not  |  |  |  |  |
| Deen made  |  |  |  |  |
| Executed this day of   | February 00 23   |  |  |  |
| at Thomas Jofferson U.   | Curtis Hold 324  |  |  |  |
|  | March Strick in  |  |  |  |
| State of fA SS:  | The Atheres.   |  |  |  |
| State of Phila   | (Signature)  |  |  |  |
| Before me personally appeared said Mus Que   | tea he is  |  |  |  |
| and acknowledged the foregoing instrument to be his trop get and dead the  |  |  |  |  |
| Notarial Seal  | 0.   |  |  |  |
| anyce Lingo, Notary Public<br>City of Philadelphia, Philadelphia County  | Janger   |  |  |  |
| My Commission Expires May 2, 2005  | (Notary Public)  |  |  |  |

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231.